Name of Work:- Improvements to toilet works in ward No.07 Byatarayanapura

SN	DESCRIPTION OF WORK	Unit	N	L	B	D	QTY	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10
1	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size Page No. 60, Item No. 9.84,								
	Basic Rate:	cum	**468.00**						
	Item Weightage @ 8%		37.44						
	Total		**505.44**						
	toilets		4	0.75		2.10	6.30		
					TOTAL		**6.30**	505.44	**3185.00**
2	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges. Page No. 56, Item No. 9.83, PWD SR 2016-17								
	Basic Rate:	cum	2777.00						
	Item Weightage @ 8%		222.16						
	Total		2999.16						
	toilets		4.00	0.75		2.10	6.30		
					TOTAL		**6.30**	2999.16	**18895.00**
3	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 79, I.No.12.2)								
	toilets		6.00				6.00		
					TOTAL		**6.00**	4561.92	27371.52
	Basic Rate:	cum	4224.00						
	Item Weightage @ 8%		337.92						
	Total		4561.92						

4	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. Page No.106, Item No. 14.36.2								
	toilets		6.00	1.50		2.10	18.90		
					TOTAL		**18.90**	1306.80	24698.52
	Basic Rate:	cum	1210.00						
	Area Weightage @ 8%		96.80						
	Total		1306.80						
5	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick Page No.108, Item No. 14.41.1								
	toilets		8.00	1.50		2.10	25.20		
					TOTAL		**25.20**	1372.68	34591.54
	Basic Rate:	cum	1271.00						
	Area Weightage @ 8%		101.68						
	Total		1372.68						
6	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.								
	toilets		8.00	1.50		2.10	25.20		
					TOTAL		**25.20**	96.12	2422.22
	Basic Rate:	cum	89.00						
	Area Weightage @ 8%		7.12						
	Total		96.12						
7	KSEB 15-18.5 : Providing & applying aluminium paint one coat (excluding primer coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt & other foreign matter, including cost of materials, labour, complete as per specifications. Page No.123, Item No. 15.77								
	wimdows/ventilators		15.00	1.80		1.20	32.40		
					TOTAL		**32.40**	51.84	1679.62
	Basic Rate:	cum	48.00						
	Area Weightage @ 8%		3.84						
	Total		51.84						
8	Atalanta,Suguna,CRI KIRLOSKER AND other equipment pumps 1.00 HP (10 Stage)P. No. XLII I No.43) (K.P.W.D SR 2018-19)								
			1.00				1.00		
					TOTAL		**1.00**	14283.00	14283.00
	Basic Rate:	Nos	14283.00						

9	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) 50mm nominal OD pipes Page No.98, Item No. 13.85.6								
	Pipeline		1.00	30.00			30.00		
					TOTAL		**30.00**	502.20	15066.00
	Basic Rate:	m	465.00						
	Area Weightage @ 8%		37.20						
	Total		502.20						
10	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) 32mm nominal OD pipes Page No.98, Item No. 13.85.4								
	Pipeline		1.00	50.00			50.00		
					TOTAL		**50.00**	274.32	13716.00
	Basic Rate:	m	254.00						
	Area Weightage @ 8%		20.32						
	Total		274.32						
11	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications. Page No.266, Item No. 37.3								
	Gate		1.00	5.20		1.20	6.24		
					TOTAL		**6.24**	772.20	4818.53
	Basic Rate:	Sqm	715.00						
	Area Weightage @ 8%		57.20						
	Total		772.20						
12	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 6mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials, labour, HOM complete as per specifications. Page No.266, Item No. 37.2								
	Gate		1.00	20.00			20.00		
					TOTAL		**20.00**	927.72	18554.40
	Basic Rate:	m	859.00						
	Area Weightage @ 8%		68.72						

	Total		927.72						
13	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Entrance		1.00	15.00	1.20		18.00		
					TOTAL		**18.00**	2337.00	42066.00
	Data rate	m	2337.00						
							Sub Total		**221347.34**
							Add 12% GST charges		**26561.68**
							Miscelleneous charges		**2090.97**
							Total		**250000.00**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, Data

Assistant Engineer
Yelahanka Project Division
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Administrative Approval

Accorded For RS. 2.50 Lakhs only
Head of A/C P-3294
CER NO :- 65 Dt:- 07/03/2020

E.E. (Project) 7/3

Technical Sanction

Accorded For RS. 2.50 Lakhs only
Head of A/C P-3294
CER NO :- 27 Dt:- 07/03/2020

E.E. (Project) 7/3